

J1132 U.S. PTO

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket | 960296.97478

First Inventor	Alan D. Attie
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Title	Expression of Genes in Diabetes Mellitus and Insulin Resistance
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Express Mail Label No.	EF092266015US
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## APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

- |   |  |
|---|--|
| <p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b><br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> <b>Applicant claims small entity status</b><br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <input ]<br="" type="text" value="21"/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed Sponsored R&amp;D</li> <li>- Reference to sequence listing, a table or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input type="checkbox"/> <b>Drawing(s)</b> (35 USC 113) [Total Sheets <input ]<="" p="" type="text" value="1"/> <p>5. <b>Oath or Declaration</b> [Total Pages <input ]<="" p="" type="text" value="3"/> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly unexecuted (original or copy)</li> <li>b. <input type="checkbox"/> Copy from prior Application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 17 completed)</li> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed Statement attached deleting inventor(s) named in prior application, see 37CFR 1.63(d)(2) and 1.33(b).</li> </ul> <p>6. <input type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p> </p></p> | <p>7. <input type="checkbox"/> <b>CD-ROM or CD-R</b> in duplicate, large table or Computer Program (Appendix)</p> <p>8. <b>Nucleotide and/or Amino Acid Sequence Submission</b> (if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. <i>Specification Sequence Listing on</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 Copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> |
|---|--|

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & documents)

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(where there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return receipt postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified copy of priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other:

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents)
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
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13. ☐ Preliminary Amendment
14. ☒ Return receipt postcard (MPEP 503)  
*(Should be specifically itemized)*
15. ☐ Certified copy of priority Document(s)  
*(if foreign priority is claimed)*
16. ☐ Other:

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information: and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_\_ / \_\_\_\_\_  
 Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME

**Nicholas J. Seay**

Quarles & Brady LLP

ADDRESS

1 South Pinckney Street

P.O. Box 2113

CITY

## Madison

STATE

WI

ZIP CODE

53701-2113

COUNTRY

USA

TELEPHONE

608/251-5000

FAX

608/251-9166

Name

Nicholas J. Seay

Registration No. (Attorney/Agent)

**27,386**

Signature \_\_\_\_\_

Date: September 18, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. QBMAD313670

**FEE TRANSMITTAL  
FOR FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Alan D. Attie
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.97478

TOTAL AMOUNT OF PAYMENT \$ 1,270.00

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles &amp; Brady LLP

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$ 710.00)

**2. CLAIMS**

		Extra	Fee from below	Fee Paid
Total Claims	11	-20**= 0	X	
Independent	10	-3**= 7	X	80 = 560
Multiple Dependent Claims				


\*\* or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,240	241	620	Petition to revive unintentionally abandoned application	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
146	710	246	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	270	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$).00

**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name	Nicholas J Seay	Registration No. (Attorney/Agent)	27,386	Telephone	608/251-5000
Signature		Date	September 18, 2001		



Firststar Plaza  
Post Office Box 2113  
Madison, Wisconsin 53701-2113  
Tel: 608.251.5000  
Fax: 608.251.9166  
www.quarles.com

*Attorneys at Law in:*  
*Chicago (Quarles & Brady LLC)*  
*Madison*  
*Milwaukee*  
*Naples*  
*Phoenix*  
*Tucson*

September 18, 2001

Commissioner for Patents  
Box Patent Application  
Washington DC 20231

Re: Filing New Patent Application

Dear Sir:

Enclosed for filing please find a new patent application entitled:

EXPRESSION OF GENES IN DIABETES MELLITUS AND INSULIN RESISTANCE

by Alan D. Attie  
Samuel T. Nadler

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, September 18, 2001, by the "Express Mail" service, utilizing Express Mail label number EF092266015US, addressed to: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

Mara Bridgman

Enclosures  
QBMAD\313662

09955367-091801

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

09/20/2001 SDIRETA1 00000017 170055 09955367

01 FC:101	710.00 CH
02 FC:102	480.00 CH

PTO-1556  
(5/87)

\*U.S. GPO: 1999-459-082/19144